

20040704.ba v03_n673.bam.20040704

>From ???@??? Sun Jul 4 00:26:26 2004 +0000
Message-Id: <200407040525.i645PkSW024613@sco.theporch.com>
Date: Sun, 4 Jul 2004 00:25:26 CDT
From: Old Tube Radios <boatanchors@theporch.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: BOATANCHORS digest 3673

BOATANCHORS Digest 3673

Topics covered in this issue include:

- 1) FS: Rider Troubleshooters Manuals
by John Poulton <jp@cs.unc.edu>
- 2) RE: Protecting a 1.5 V Filament String
by <jay_coward@agilent.com>
- 3) ADMINISTRIVIA: Buying and Selling Guidelines
by listown@nanniandjack.com (Mail List Owner)
- 4) Re: WW2 Enigma and RDF books
by Bob Roehrig <broehrig@aurora.edu>
- 5) WTB: Various boatanchors.
by Meyer Gottesman <wrecktech@yahoo.com>
- 6) Looking for RBA, RBB, Rbc or DAQ
by "Edward J White" <wa3bzt@verizon.net>
- 7) need circuit for Heath VTVM RF probe; tube FS; tuning caps.
by "Eric Jones" <ejones@hiwaay.net>
- 8) Re: need circuit for Heath VTVM RF probe; tube FS; tuning caps.
by "Arden Allen" <gumbear@pacbell.net>
- 9) Re: Rauland (need circuit for Heath VTVM RF probe; tube FS; tuning caps.
by WA5CAB@cs.com
- 10) CE 100V parts
by Bob Kemp <bkemp@bobkemp.com>
- 11) Re: need circuit for Heath VTVM RF probe; tube FS; tuning caps.
by "k4pf@juno.com" <k4pf@juno.com>
- 12) s38
by "ed" <dgnova@erols.com>
- 13) FS/FT: Bench/Cabinet for SCR-299
by John Poulton <jp@cs.unc.edu>
- 14) RE: Rauland (need circuit for Heath VTVM RF probe; tube FS; tuning caps.
by "Don Reaves W50R" <w5or@comcast.net>
- 15) yard sale
by "Richard Humphrey" <n6nae@ix.netcom.com>
- 16) Heath RF probe info rx'd
by "Eric Jones" <ejones@hiwaay.net>
- 17) Re 12A6
by "ed" <dgnova@erols.com>
- 18) plucky 12A6

- by Rhett George <rtg@ee.duke.edu>
19) Early Panadaptor Update
by Chuck McGregor <cbmcg@comcast.net>
20) WTB or T: Dow-Key Bug
by "Gary H. Harmon, Jr." <gharmon@idworld.net>
21) Eico 723 as a laser exciter??
by Tom Norris <r390a@bellsouth.net>
22) Re: Eico 723 as a laser exciter??
by "Robert Nickels" <w9ran@oneradio.net>
23) Re: Early Panadaptor Update
by "Hue Miller" <kargo_cult@msn.com>
24) RE: Eico 723 as a laser exciter??
by "Dave Ragsdale" <dave@ragsdale.net>

Date: Thu, 1 Jul 2004 09:50:14 -0400 (EDT)
From: John Poulton <jp@cs.unc.edu>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: FS: Rider Troubleshooters Manuals
Message-ID: <Pine.LNX.4.58.0407010943510.1865@swan.cs.unc.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I have a not-quite-complete set of Rider's Perpetual Troubleshooter's
Manuals that need a new home:

Vol 1
Vol 1 (somewhat different, but irritatingly, no dates on the two versions!)
Vol's 2 - 6 inclusive
Vol's 9 - 19 inclusive
Vol 1 of Rider TV Manual
1947 Index to Volumes 1 - 15
"How it Works" addendum to Vol 8
"How it Works" addendum to Vol 9
Bunch of Westinghouse appliance/radio/tv manuals in Rider's Volume 7 binder

The entire collection needs to go as a unit. Probably too heavy to ship,
so pickup in Chapel Hill, NC, or I'll deliver to any of the local Carolina
area hamfests (Salisbury is Saturday, 7/3!).

\$100 takes the lot, or... Offers? Trades?

73 de John K4OZY

content-class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: text/plain;

charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable
Subject: RE: Protecting a 1.5 V Filament String
Date: Thu, 1 Jul 2004 10:13:05 -0600
Message-ID: <EFC621B98B7BF04591227851769A4B45205BDF@wcosmb05.cos.agilent.com>
From: <jay_coward@agilent.com>
To: Old Tube Radios <boatanchors@theporch.com>

Dave,
What receiver is this? Got pictures?
Jay

-----Original Message-----

From: owner-boatanchors@theporch.com
[mailto:owner-boatanchors@theporch.com] On Behalf Of David Stinson
Sent: Wednesday, June 30, 2004 8:50 AM
To: Old Tube Radios
Subject: Protecting a 1.5 V Filament String

I'm working on a battery-powered radio that was used by the Womens Airforce Service Pilots (WASPs) during WWII. I'll be using a regulator to drop 6 volts down to 1.5 volts for the receiver filaments. I want to install protection on the fil. string in case of regulator failure. 1.8 and 2-volt zeners that still have leads on them don't appear to be available and I don't want to go any higher.

Regular silicon power diodes don't conduct until they get approximately .6-.7 volts forward bias. If I place three in the "forward" direction, in series to ground from the 1.5 volt buss, any voltage excursion above 1.8-2.1 volts should be shunted to ground. When at 1.5 volts, they should be Hi-Z. Your opinions?

Dave S.

Message-Id: <200407011815.i61IF0fR029948@osr506.nanniandjack.com>
From: listown@nanniandjack.com (Mail List Owner)
To: Old Tube Radios <boatanchors@theporch.com>
Subject: ADMINISTRIVIA: Buying and Selling Guidelines
Date: Thu, 1 Jul 2004 11:15:00 -0700 (PDT)

Gang-

This periodic posting is intended as a gentle nudge and suggestion which should improve the quality of posts to the BoatAnchors list, and maintain our excellent (and high) signal to noise ratio...

The list culture has developed to include "for sale" and "wanted" posts. Originally, all buying and selling traffic was focused on finding parts to complete a restoration. As the list has evolved, there has been an increase in buying and selling activity, which may not be all bad.

There is, however, a real need to observe certain conventions, lest this otherwise benign activity turn into a real disturbance to the real purpose of the list: discussions of radio equipment using vacuum tubes, including the life and times of the designers and users of such gear.

Please observe these guidelines:

There is never a reason for an auction post or update on the Boatanchors List... comments about gear at auction elsewhere are noise, and those who would care already visit the auction sites, and those who do not frequent the auctions do not want to hear about it... simple policy -- keep this off the list!

- 1) LIMIT the frequency of for sale postings... once a month is a good starting point
- 2) DO NOT post endless "xxx is sold" to the entire list... you offered it for sale, and it is not considerate of list resources (which include the time and energy of the other list members) to burden the list with these senseless notices. Use direct email to those who responded, or, if you don't want to answer them personally, just don't use the list to advertise them for sale!
- 3) AVOID even the mere faint appearance that you are posting items for sale as a regular adjunct to your business dealings. This has become more of a problem lately with some long lists showing up regularly on the main list, or with dealers who appear to be using the list for their personal advertising advantage. Failure to observe these basics *will* result in banishment from the list -- just don't do it! When even a shadow of doubt creeps in, read the "Welcome" message again... it spells it out!
- 4) DO be considerate of those on the list in your for sale or wanted postings. Keep them short, infrequent, and ONLY include items specifically appropriate to the list -- NO solid state gear is

obvious, but try to avoid pushing the envelope in any area.

5) LONG lists and estate offerings should be sent to me at:
listown@nanniandjack.com
so they may be uploaded to the archives for email, web, or ftp retrieval.

6) We now have a web page up. Go to:
<http://www.theporch.com>
and follow the "ListProc Web Interface" Link to get registered
and use the web interface, which allows searching of previous
articles and the archived text files.

Thanks for your understanding and help in making the boatanchors list
have the highest signal to noise on the InterNet.

--

73

Jack, W4KH/Mobile - - - BoatAnchor Mailing List Owner - - -
listown@nanniandjack.com - "Plus ca change, plus c'est la meme chose"
"Il n'y a que les idiots qui ne changent jamais d'idee"
Thu Jul 1 11:15:00 PDT 2004

Date: Thu, 1 Jul 2004 14:21:49 -0500 (CDT)
From: Bob Roehrig <broehrig@aurora.edu>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: WW2 Enigma and RDF books
Message-ID: <Pine.OSF.4.58.0407011420290.39354@mail.aurora.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sat, 26 Jun 2004, Hans Jense wrote:

> Another book that one of my colleagues found for me just a couple of
> weeks ago, promises to complement the above mentioned Enigma story. The
> book is entitled The Searchers - Radio Intercept in Two World Wars, and
> is written by Kenneth Macksey.

Just picked this one up yesterday and got thru maybe 10 pages so far.
Looks interesting. More later.

Bob Roehrig
Aurora University Telecom dept.
broehrig@aurora.edu 73 de K9EUI
630-844-4898 fax 630-844-4222
"Nostalgia is a thing of the past"

Message-ID: <20040701193523.61265.qmail@web51006.mail.yahoo.com>
Date: Thu, 1 Jul 2004 12:35:23 -0700 (PDT)
From: Meyer Gottesman <wrecktech@yahoo.com>
Subject: WTB: Various boatanchors.
To: Old Tube Radios <boatanchors@theporch.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Wanted to buy:

I am interested in the following. Should be in good working condition. Bad paint, scratches, okay. Smashes and dents are not.

a: GP-7 Navy transmitter from WW II. This beast ran on 115 volts 800 Hz.

b: GPR-90 communications receiver.

c:Collins 75A-4 receiver. Must be s/n 4000 or greater.

d:ARC-5 command transmitter. The very rare version that covers from 1.3 to 2.1 MHz.

e: T-368 transmitter.

Tel: (478)741-1710 in Macon, GA.

73,

Meyer Gottesman, W6GIV

Do you Yahoo!?
New and Improved Yahoo! Mail - Send 10MB messages!
http://promotions.yahoo.com/new_mail

Message-ID: <008a01c45fd7\$a41651b0\$6401a8c0@wa3bzt>
From: "Edward J White" <wa3bzt@verizon.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Looking for RBA, RBB, Rbc or DAQ
Date: Thu, 1 Jul 2004 21:55:24 -0400
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Hi Gang:

I am looking for a RBA, RBB, RBC with power supply and power cable. I am also looking for DAQ receiver. Please state condition

Ed

WA3BZT Delaware

Message-ID: <002b01c45ffb\$7aeb7da0\$7f41b4d8@ejones>

From: "Eric Jones" <ejones@hiwaay.net>

To: Old Tube Radios <boatanchors@theporch.com>

Subject: need circuit for Heath VTVM RF probe; tube FS; tuning caps.

Date: Fri, 2 Jul 2004 01:02:02 -0500

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

de N4TGC Eric

I'm fixing up a Heath VTVM for a fella, and he's wanting the RF probe option - which is not mentioned in any manual I have, tho it is in the '68 catalog. Anybody know what the guts consists of? Is it akin to an o'scope demod probe? (I have one I could modify.)

While checking tubes in a trio of VTVMs, I found a 12AU7 branded "Rauland". Wasn't that some kind of audio amp? Is this tube worth more to match up with the brand-specific unit? It checked perfect, BTW.

Someone had asked after variable caps, but they specified mickey-mikes instead of physical dementions. Since I have no way of measuring the capacity, I can't help, even tho I suspect I have two or three of what the suppliant wanted. (I've tried clip leads run over to my DMM's cap. function, and it jest don' work. Don't know why.) e

Message-ID: <002901c4602b\$5e250080\$86e47443@KB6NAX>

From: "Arden Allen" <gumbear@pacbell.net>

To: Old Tube Radios <boatanchors@theporch.com>

Subject: Re: need circuit for Heath VTVM RF probe; tube FS; tuning caps.

Date: Fri, 2 Jul 2004 04:53:24 -0700

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

> I'm fixing up a Heath VTVM for a fella, and he's wanting the RF probe

option -

> which is not mentioned in any manual I have, tho it is in the '68 catalog.
> Anybody know what the guts consists of? Is it akin to an o'scope demod probe?

See if this helps:

<<http://www.io.com/~n5fc/rfprobe1.htm>>

Arden Allen
KB6NAX

From: WA5CAB@cs.com
Message-ID: <143.2cf998ba.2e16c25c@cs.com>
Date: Fri, 2 Jul 2004 09:51:24 EDT
Subject: Re: Rauland (need circuit for Heath VTVM RF probe; tube FS; tuning caps.
To: Old Tube Radios <boatanchors@theporch.com>
MIME-Version: 1.0
Content-Type: multipart/alternative;
boundary="part1_143.2cf998ba.2e16c25c_boundary"

--part1_143.2cf998ba.2e16c25c_boundary
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

e,

Rauland built radios in the 40's. One well known (to most of us here) set that they built many of was the SCR-694-C (BC-1306). They must have done something after the war to have had house-branded tubes. Maybe it was audio amps.

In a message dated 7/2/2004 1:10:55 AM Central Daylight Time, ejones@hiwaay.net writes:
> While checking tubes in a trio of VTVMs, I found a 12AU7 branded "Rauland".
> Wasn't that some kind of audio amp? Is this tube worth more to match up
> with
> the brand-specific unit? It checked perfect, BTW.

Robert Downs - Houston
<<http://www.wa5cab.com>> (Web Store)
<wa5cab@cs.com> (Primary email)
<wa5cab@houston.rr.com> (Backup email)

--part1_143.2cf998ba.2e16c25c_boundary
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

```
* * * * *
*      ---REMAINDER OF MESSAGE TRUNCATED---      *
*      This post contains a forbidden message format      *
*      (such as an attached file, a v-card, HTML formatting) *
*      Mail Lists at theporch.com only accept PLAIN TEXT      *
*      If your postings display this message your mail program *
*      is not set to send PLAIN TEXT ONLY and needs adjusting *
* * * * *
```

--part1_143.2cf998ba.2e16c25c_boundary--

Message-ID: <40E56E0B.9010403@bobkemp.com>
Date: Fri, 02 Jul 2004 09:15:39 -0500
From: Bob Kemp <bkemp@bobkemp.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: CE 100V parts
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

I have a 100V cabinet available if anyone is interested.

Bob.

Mime-Version: 1.0
From: "k4pf@juno.com" <k4pf@juno.com>
Date: Fri, 2 Jul 2004 15:17:08 GMT
To: Old Tube Radios <boatanchors@theporch.com>
Cc: boatanchors@theporch.com
Subject: Re: need circuit for Heath VTVM RF probe; tube FS; tuning caps.
Content-Type: text/plain
Message-Id: <20040702.081717.2930.197201@webmail13.lax.untld.com>

-- "Eric Jones" <ejones@hiwaay.net> wrote:
de N4TGC Eric

I'm fixing up a Heath VTVM for a fella, and he's wanting the RF probe option - which is not mentioned in any manual I have, tho it is in the '68 catalog. Anybody know what the guts consists of? Is it akin to an o'scope demod probe? (I have one I could modify.)

Hi, Eric

Yes, a VTVM rf probe is nearly the same as an O'scope demodulator probe. The VTVM probe included a 1 Meg resistor "downstream" from the shunt crystal diode, so that the calibration of the VTVM would be correct. (The d.c. probe of a VTVM usually uses a 1 Meg isolation resistor, so the d.c. scales of the VTVM assume the presence of the 1 Meg resistor.) With the 1 Meg resistor added to the probe, the readout of the VTVM will represent the peak voltage, with an added .002 disk ceramic capacitor in shunt between the added 1 Meg resistor and the VTVM cable to hold the voltage steady.

The diode in the rf probe points "down", so the output voltage of the probe is negative-going d.c.

73,
Ed Knobloch

Message-ID: <000a01c4604c\$a29a03c0\$62052c42@default>
From: "ed" <dgnova@erols.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: s38
Date: Fri, 2 Jul 2004 11:52:51 -0400
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I am restoring a Hallicrafters S-38. The bottom plate is missing.
Is the bottom plate made out of metal or card board

Date: Fri, 2 Jul 2004 11:59:52 -0400 (EDT)
From: John Poulton <jp@cs.unc.edu>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: FS/FT: Bench/Cabinet for SCR-299
Message-ID: <Pine.LNX.4.58.0407021149120.16775@swan.cs.unc.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Anyone out there doing a restoration on an SCR-299/399? I have a pretty nice example of the storage compartment that served the dual purposes of holding the BC-610 spares and providing a seat (albeit uncomfortable) for the operator. It's made of plywood, painted O/D; hinged front to access the parts. I have, of course, removed the parts :)

It's nice, but I just don't have room for it in my shack. Check out

<http://www.eht.com/oldradio/arrl/2004-04/April-2004.htm>

It's the thing the operator in the "Early SCR-299" is sitting on!

This thing is big and heavy, so probably pickup only in Chapel Hill, NC, or delivery to locations within 50 miles or so.

Offers? Trades? Suggestions?

73 de John K4OZY

Message-Id: <200407021607.i62G78KN009955@sco.theporch.com>

From: "Don Reaves W5OR" <w5or@comcast.net>

To: Old Tube Radios <boatanchors@theporch.com>

Subject: RE: Rauland (need circuit for Heath VTVM RF probe; tube FS; tuning caps.

Date: Fri, 2 Jul 2004 11:08:40 -0500

MIME-Version: 1.0

Content-Type: text/plain;

charset="US-ASCII"

Content-Transfer-Encoding: 7bit

Also URR-35, as Rauland-Borg.

I happened to stumble across this last week.

<http://www.rauland.com/corporate/timeline.htm>

I have one at least one of their tube type audio amps. Nice unit. Rauland branded tubes, too.

W5OR

>

> Rauland built radios in the 40's. One well known (to most of

> us here) set

> that they built many of was the SCR-694-C (BC-1306). They

> must have done

> something after the war to have had house-branded tubes.

> Maybe it was audio amps.

Message-ID: <412004752231353190@ix.netcom.com>

From: "Richard Humphrey" <n6nae@ix.netcom.com>

To: Old Tube Radios <boatanchors@theporch.com>

Subject: yard sale
Date: Fri, 2 Jul 2004 16:13:53 -0700
MIME-Version: 1.0
Content-Type: multipart/alternative;
boundary="-----_NextPart_84815C5ABAF209EF376268C8"

-----_NextPart_84815C5ABAF209EF376268C8
Content-type: text/plain; charset=US-ASCII

If any of you can make it to a wide spot in the road called Elverta, California, near Sacramento, there's a yard/estate/barn/ranch sale going on this weekend. The farmer was 106 when he died, and his life-long hobby was collecting anything and everything, but mostly old radios. I got a preview last Wednesday with some guys from the Cal Historical Radio Society. There are storage buildings, barns, a workshop, a travel trailer, all piled to the rafters with radios. I saw everything from nicely restored Atwater Kent TRF sets to a barn full of junk consoles. It was more than a mere mortal could take in. This is the black hole of radio chassis.

Not to fear, the son running the sale knows the values of this stuff, so no weeping widow rip-offs happening here. On Elverta Road, Elverta, west of Cherry Island gold course. Look for the sign and the crowd of nuts.

Richard

-----_NextPart_84815C5ABAF209EF376268C8
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

```
* * * * *
*      ---REMAINDER OF MESSAGE TRUNCATED---      *
*      This post contains a forbidden message format      *
*      (such as an attached file, a v-card, HTML formatting) *
*      Mail Lists at theporch.com only accept PLAIN TEXT      *
*      If your postings display this message your mail program *
*      is not set to send PLAIN TEXT ONLY and needs adjusting *
* * * * *
```

-----_NextPart_84815C5ABAF209EF376268C8--

Message-ID: <009801c460c9\$fc2e4400\$1541b4d8@ejones>
From: "Eric Jones" <ejones@hiwaay.net>

To: Old Tube Radios <boatanchors@theporch.com>
Subject: Heath RF probe info rx'd
Date: Sat, 3 Jul 2004 01:47:41 -0500
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

de N4TGC Eric

What a country! Got all the info I needed, and then some! Multi danko, muchas gracias, danka shoen, merci, and all that. e

Message-ID: <009801c460f7\$0dc01fe0\$a4022c42@default>
From: "ed" <dgnova@erols.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re 12A6
Date: Sat, 3 Jul 2004 08:12:46 -0400
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Taken from one of Gordon White's articles:

The 12A6 was designed for the command receivers. When Air Craft Radio was sdsigning the command receivers, they requested submissions for the audio output tube for the receiver. There were 4 submissions, RCA, HYTRON and two others whom I forget. RCA's submission was selected and was nomenclatured 12A6

This is a gread little tube. Small power consumption. It's small grid-plate cap of 0.3uufd make it an excellant small transmitting tube.

Date: Sat, 3 Jul 2004 14:18:54 -0400
From: Rhett George <rtg@ee.duke.edu>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: plucky 12A6
Message-ID: <20040703181854.GB14586@ee.duke.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

- Greetings -

Thanks to Ed for reminding us of the 12A6. Memory, which usually serves me not, suggests that I may have a 12A6-GT. Must go look.

Methinks the tube is a kissing cousin of the 6G6G (which I have never seen in a smaller envelope).

Cheers,

Rhett

Message-Id: <6.0.3.0.0.20040703153148.026c41a8@mail.comcast.net>
Date: Sat, 03 Jul 2004 16:02:09 -0700
To: Old Tube Radios <boatanchors@theporch.com>
From: Chuck McGregor <cbmcg@comcast.net>
Subject: Early Panadaptor Update
Mime-Version: 1.0
Content-Type: multipart/mixed; x-avg-checked=avg-ok-2C426653;
boundary="====47D1ECA===="

--====47D1ECA====
Content-Type: text/plain; x-avg-checked=avg-ok-2C426653; charset=us-ascii;
format=flowed
Content-Transfer-Encoding: 8bit

Hi -

Thank you to the several list members who have helped my search for information on an early Panadaptor, pictured on my webpage at <http://home.comcast.net/~cbmcg/N7RHU.html>

Here's a quick summary of what was learned:

Two articles in QST, March 1942 and July 1942 introduced Panoramic Radio's ideas to the ham community. The March 42 article, by HG Miller includes a photo of a unit very similar to mine, sitting on an SX-25. The July 42 article by George Grammer offers construction information for a unit like mine, except the entire unit with 902 CRT is crammed into a single box. The schematic in this article is almost exactly that of my Panoramic factory-built unit, and parts layout is identical except for the remoted display unit. A few minor circuit refinements and a much more roomy layout separate this design from the later commercial unit offered both as Panoramic PCA-2 and Hallicrafters SP-44 in 1946.

So, It looks like my Panoramic SA2A Radio Spectroscope was probably a commercial unit, built for the Navy, between Feb 42 and Summer 43. I pick summer 43 as a cutoff date because that is when the improved, mil-spec, Army BC-1031 and Navy RBV-1 panadaptors became available from Panoramic. My scan of TM11-446 for the BC-1031 is available for download at: <http://www.shlrc.mq.edu.au/~robinson/Manuals/TM11-446.pdf> through the courtesy of Ray, VK2ILV.

I have scanned the schematic for the SA2A/QST panadaptor if anyone needs it.

73,
Chuck N7RHU

--=====47D1ECA=====--

Message-Id: <200407040132.i641WT05012955@sco.theporch.com>
From: "Gary H. Harmon, Jr." <gharmon@idworld.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: WTB or T: Dow-Key Bug
Date: Sat, 3 Jul 2004 20:33:21 -0500
MIME-Version: 1.0
Content-Type: text/plain;
 charset="us-ascii"
Content-Transfer-Encoding: 7bit

I would like to obtain a Dow-Key bug with the rotating head. I have cash or other keys/bugs to trade.

73, gary

=====//=====
Gary H. Harmon, Jr. - K5JWK
6302 Robin Forest
San Antonio, TX 78239-3218
(210) 657-1549 home
(210) 884-6926 cell
(210) 203-7000 pager
gharmon@idworld.net

Mime-Version: 1.0
Message-Id: <p0610058ebd0d27b35fbc@[10.0.1.2]>
Date: Sat, 3 Jul 2004 22:22:44 -0500
To: Old Tube Radios <boatanchors@theporch.com>
From: Tom Norris <r390a@bellsouth.net>
Subject: Eico 723 as a laser exciter??
Content-Type: text/plain; charset="us-ascii" ; format="flowed"

Apparently Bausch & Lomb sold them as laser exciters.
Who'd a thunk it?

<http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=3825342655>

Tom

Message-ID: <184a01c46178\$5371c030\$6501a8c0@pavillion>
From: "Robert Nickels" <w9ran@oneradio.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Eico 723 as a laser exciter??
Date: Sat, 3 Jul 2004 22:35:27 -0500
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> Apparently Bausch & Lomb sold them as laser exciters.
> Who'd a thunk it?

One just like that showed up at a Chicago-area hamfest last month, but I can't remember if it had the Bausch and Lomb name or not. At least that seller was a bit more realistic in his price expectations, and knew it wasn't capable of AM :-)

73, Bob W9RAN

From: "Hue Miller" <kargo_cult@msn.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Early Panadaptor Update
Date: Sat, 3 Jul 2004 20:41:21 -0700
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Message-ID: <BAY5-DAV6siIWeTlhxv00022454@hotmail.com>

Which brings up this question from me: the Hallicrafters panadaptor - which Halli receivers could it reasonably be expected to be used with? This means ones kinda on par with the price range of the panadptor as accessory.
Tnx,
-Hue Miller

From: "Dave Ragsdale" <dave@ragsdale.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: RE: Eico 723 as a laser exciter??
Date: Sat, 3 Jul 2004 22:29:20 -0700
Message-ID: <POEMIBPBMIIIBJLPBHPHHMECFCPAA.dave@ragsdale.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="us-ascii"

Content-Transfer-Encoding: 7bit

I had a Hallicrafters HT-40 that came the same way. I can't remember who the laser manufacturer was, but they just pasted their label over the Halli label.

Dave

Dave Ragsdale
dave@ragsdale.net

-----Original Message-----

From: owner-boatanchors@theporch.com
[mailto:owner-boatanchors@theporch.com] On Behalf Of Tom Norris
Sent: Saturday, July 03, 2004 7:23 PM
To: Old Tube Radios
Subject: Eico 723 as a laser exciter??

Apparently Bausch & Lomb sold them as laser exciters.
Who'd a thunk it?

<http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=3825342655>

Tom

End of BOATANCHORS Digest 3673
